

CLAIMS

1. A surgical clip adapted for use in holding a suture, comprising:
a housing having an outer surface;
a pair of jaws extending longitudinally from the housing in an
5 opposing relationship with each other;
a resilient pad carried by one of the jaws and defining with the outer
surface of the housing a cavity; and
at least one rib extending longitudinally of the housing and across
the cavity to inhibit passage of the suture into the cavity.
2. The surgical clip recited in Claim 1, wherein the pad has a proximal
end wall which defines the cavity with the outer surface of the housing.
3. The surgical clip recited in Claim 1, wherein:
the one jaw has a proximal end and a distal end; and
the rib has a height measured perpendicular to the one jaw, which
decreases with progressive distal positions along the one jaw.
4. The surgical clip recited in Claim 1, wherein the pad is molded onto
the one jaw and the at least one rib.

5. The surgical clip recited in Claim 1, wherein:

the opposing jaws have an open position and a closed position, and
the clip further comprises:

a spring disposed in the housing and having properties for biasing
5 the opposing jaws to the closed position.

6. A surgical clip adapted for use in holding a suture, comprising:

a housing formed by an inner member and an outer member having
a telescoping relationship;

a first jaw extending from the inner member outwardly of the
5 housing and having a first inner surface;

a second jaw extending from the outer member outwardly of the
housing and having a second inner surface;

the jaws being movable between an open position and a closed
position in an opposing relationship with the first surface of the first jaw facing the
10 second surface of the second jaw;

at least one first rib extending from the first surface of the first jaw
toward the second surface of the second jaw; and

at least one second rib extending from the second surface of the
second jaw toward the first surface of the first jaw.

7. The surgical clip recited in Claim 6, wherein the at least one first rib
of the first jaw is offset from the at least one second rib of the second jaw so that

the first rib and the second rib do not interfere with movement of the jaws between the open position and the closed position.

8. The surgical clip recited in Claim 6, wherein the at least one first rib has a dimension measured perpendicular to the first surface that is at a maximum in proximity to the inner member of the housing.

9. The surgical clip recited in Claim 8, wherein the first rib has a height which decreases with progressive positions along the first jaw.

10. The surgical clip recited in Claim 7, wherein:
the at least one first rib comprises a single first rib; and
the at least one second rib comprises a pair of second ribs each laterally offset from the single first rib when the jaws are in the closed position.

11. The surgical clip recited in Claim 8, wherein the at least one second rib comprises a single second rib; and
the at least one first rib comprises a pair of first ribs each laterally offset from the single second rib when the jaws are in the closed position.

12. The surgical clip recited in Claim 6 wherein:
the at least one first rib is integral with the inner member of the housing; and

the at least one second rib is integral with the outer member of the
5 housing.

13. A method for making a surgical clip having a housing formed of
telescoping members each with an outer surface, and first and second opposing
jaws each associated with one of the telescoping members, comprising the steps
of:

5 molding one of the telescoping members with its associated first
jaw in a first mold in a second molding step;

following the first molding step molding a pad onto the first jaw and
the first mold;

during the first molding step, molding at least one rib onto the first
10 jaw, the rib extending from the outer surface of the one member along the
associated first jaw; and

during the second molding step seating a mold shut-off against the
first jaw and the at least one rib to form with the first mold a second mold cavity
for the pad.

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